

Course Title: C)DFE

Duration: 5 days, 40 Hrs

Class Format Options:

Instructor-led classroom
Live Online Training
Computer Based Training

Who Should Attend:

- Incident Handlers
- Forensic Auditors
- Law Enforcement
- IS Managers

Requirements:

I7 core processor or I5
Core laptop with 8 to
16 GB RAM

Prerequisite:

Experience in using a
computer.

Provided Materials:

Student Workbook
Student Reference Manual
Student Lab Guide
Software/Tools (DVDs)

Certification Exam:

C)DFE: Certified Digital
Forensics Examiner

Certified Digital Forensics Examiner

CDFE

Course Overview

Digital Forensics is the investigation and recovery of data contained in digital devices. This data is often the subject of investigations in litigation, proof of guilt, and corrective action in an organization. When the time comes that you need to investigate your organization, will you have the skill set necessary to gather the digital data that you need? The Certified Digital Forensics

Examiner course will benefit organizations, individuals, government offices, and law enforcement agencies in performing these investigations and reporting their findings.

To illustrate, let's say an employee needs to be terminated for a violation of computer usage rules. To do so the organization must furnish an irrefutable burden of proof based on digital evidence. If not irrefutable, an attorney knowledgeable about Digital Forensics could have the case thrown out of court. Government and investigative agencies need proper training to succeed in cases like the above as well as those including acts of fraud, computer misuse, illegal pornography, counterfeiting, and so forth. A C)DFE is aptly pre-pared to handle these types of situations.

Upon Completion

Students will:

- Have knowledge to perform digital forensic examinations
- Have knowledge to accurately report on their findings from examinations
- Be ready to sit for the C)DFE Exam.

Exam Information

The Certified Digital Forensics Examiner exam is taken online through Mile2's Assessment and Certification System ("MACS"), which is accessible on your mile2.com account. The C)DFE exam will take roughly 2 hours and consist of 100 multiple choice questions.

Course Content

Module 1: Introduction

Module 2: Computer Forensic Incidents

Module 3: Investigation Process

Module 4: Disk Storage Concepts

Module 5: Digital Acquisition & Analysis

Module 6: Forensic Examination Protocols

Module 7: Digital Evidence Protocols

Module 8: CFI Theory

Module 9: Digital Evidence Presentation

Module 10: Computer Forensic Laboratory Protocols

Module 11: Computer Forensic Processing

Module 12: Digital Forensics Reporting

Module 13: Specialized Artifact Recovery

Module 14: e-Discovery and ESI

Module 15: Cell Phone Forensics

Module 16: USB Forensics

Module 17: Incident Handling

Appendix 1: PDA Forensics

Appendix 2: Investigating Harassment

Lab 1: Preparing Forensic Workstation

Lab 2: Chain of Custody

Lab 3: Imaging Case Evidence / FTK Manager

Lab 4: Reviewing Evidence / Access Data Tools

Review and Exam
